REMARKS

Reconsideration of this application, as amended, is respectfully requested.

This application has been reviewed in light of the Advisory Action and the Final Office Action of the United States Patent and Trademark Office dated July 22, 2005, and April 5, 2005, respectively. Claims 1-35 are currently pending in the application. As indicated above, Claim 1 has been amended. It is gratefully acknowledged that the Examiner still finds allowable subject matter in Claims 3, 5-7, 12-15, 20-25, and 30-33.

In the Office Action, the Examiner has rejected Claims 1, 2, 4, 8-11, 16-19, 26-29, 34 and 35 under 35 U.S.C. § 102(a) as being anticipated by the 3rd Generation Partnership Project 2, C.S0005-0 Version 1.0 (3GPP2). With regard to the rejection of independent Claims 1, 9, 17, and 27, the Examiner asserts that the 3GPP2 teaches all the elements of these claims. However, it is respectfully submitted that independent Claims 1, 9, 17, and 27 are patentably distinct from the 3GPP2.

More specifically, the present invention relates to a base station forwardly transmitting a channel assignment message including a sequence number to a mobile station, without receiving the channel assignment request message from the mobile station, and assigning the channel based on this feature. At the same time, the channel assignment messages include the sequence number for identifying a plurality of supplement channel assignment messages. The sequence number of the present invention is a sequence of the plurality of supplement channel assignment messages, such as the first channel assignment message, the second channel assignment message, etc. That is, the sequence number is used to determine a sequential order for a plurality of channel assignment messages.

As cited by the Examiner, the field corresponding to the 3GPP2 document is as follows:

USE_SCRM_SEQ_NUM: Use Supplemental Channel request Message sequence number indicator.

The base station shall set this field to '1' if the SCRM_SEQ-NUM field is included in this message; otherwise, the base station shall set this field to '0'.

SCRM_SEQ_NUM: Supplemental Channel Request Message sequence number.

If USE_SCRM_SEQ_NUM is set to '1', the base station shall set this field to the sequence number corresponding to the SCRM_SEQ_NUM field in a Supplemental channel Request Message to which the mobile station is to match this message; otherwise, the base station shall omit this field.

The 3GPP2 discloses that a mobile station sends a Reverse Supplemental Channel Request Message to the base station in order to transmit an existing traffic to the base station. The Supplemental Channel Request Message includes the sequence number (e.g., Number 10).

The base station decides whether to assign the Reverse Traffic Channel requested by the mobile station, based on the state of radio resources. If the state of the radio resources is good and thus it is possible to assign the Reverse Traffic Channel, the base station sends the Supplemental Channel Response Message to the mobile station. After confirming the sequence number which is included in the Reverse Supplemental Channel Request Message received from the mobile station, the base station transmits the Supplemental Channel Response Message comprising the same sequence number as that of Reverse Supplemental Channel Request Message to the mobile station.
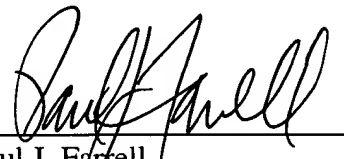
Accordingly, the sequence number of the 3GPP2 serves as an identifier in order that a mobile station sends a Reverse Supplemental Channel Request Message to the base station, when the traffic for transmitting from the mobile station to the base station exists, and that the mobile station confirms whether the corresponding channel is assigned, when the base station sends the Supplemental Channel Response Message to the mobile station in response to the above mobile station's request.

Therefore, it is respectfully submitted that the sequence number in the present invention, as recited in independent Claims 1, 9, 17, and 27, is clearly distinguishable from the 3GPP2, as the sequence number in the 3GPP2 is not used to determine a sequential order for a plurality of channel assignment messages, as in the present invention. Accordingly, it is respectfully requested that the rejection of independent Claims 1, 9, 17, and 27 be withdrawn.

As stated above, independent Claims 1, 9, 17, and 27 are believed to be in condition for allowance. Without conceding the patentability per se of dependent Claims 2-8, 10-16, 18-26, and 28-35, these are likewise believed to be allowable by virtue of their dependence on their respective independent claims.

In view of the preceding amendments and remarks, it is respectfully submitted that all pending claims, namely Claims 1-35, are in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,

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